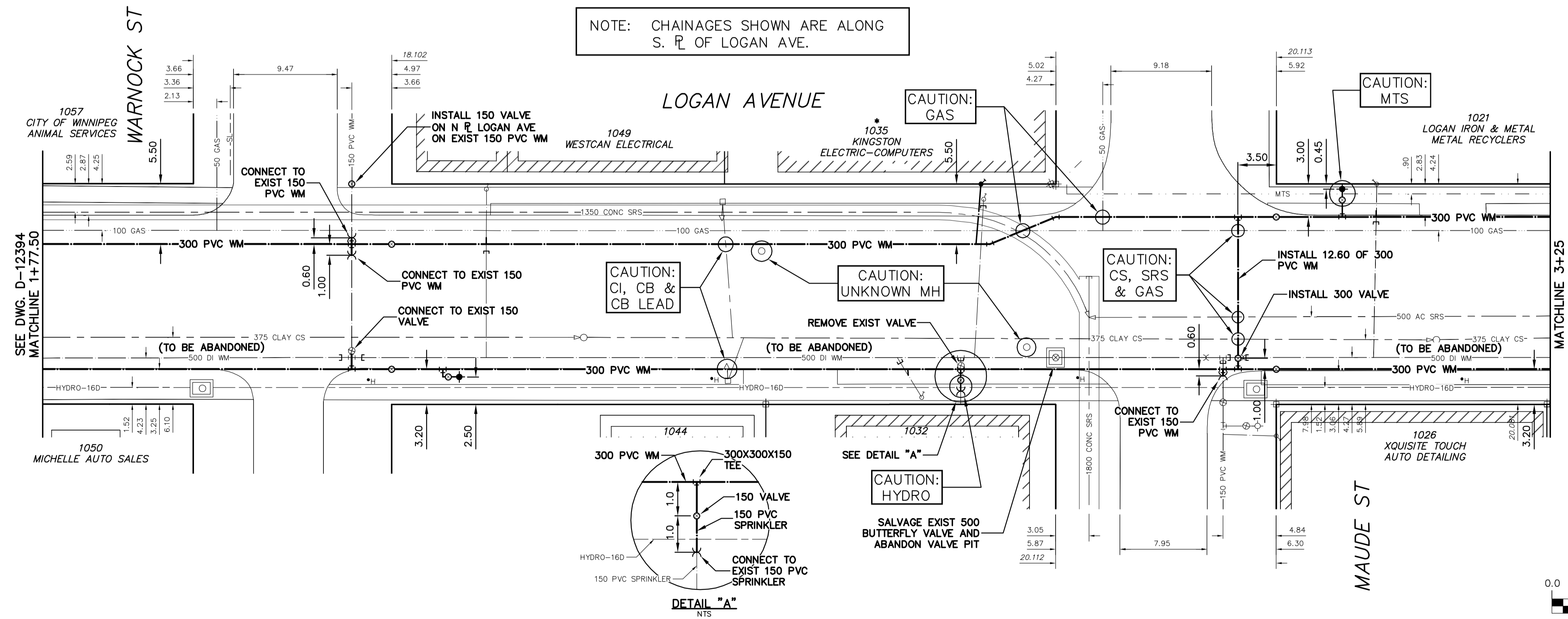


| WATER SERVICE INFORMATION | | | | | |
|---------------------------|--------------------------|-------------------------|--------------------------|----------------|------------------------|
| ADDRESS | SIZE(mm) & TYPE (STREET) | SIZE(mm) & TYPE (PROP.) | SHORT & LONG MEASUREMENT | CORP. LOCATION | REMARKS |
| 1021 LOGAN AVE COMMERCIAL | 20 COPPER | 20 COPPER | 4.96 EWL BLDG | 0.3 W OF S/C | RECONNECT SERVICE |
| 1026 LOGAN AVE INDUSTRIAL | 25 COPPER | - | 9.15 EEL MAUDE | 0.13 N OF S/C | SERV. OFF MAUDE |
| 1032 LOGAN AVE COMMERCIAL | 20 COPPER | 20 | 2.88 SSL LOGAN | 3.3 W OF S/C | RECONNECT SERVICE |
| 1032 LOGAN AVE SPRINKLER | 150 PVC | 150 | 9.82 WEL BLDG | - | RECONNECT SERVICE |
| 1035 LOGAN AVE COMMERCIAL | 20 COPPER | 20 | 12.23 WVL MAUDE | 0.8 W OF S/C | RENEW TO R W/20 COPPER |
| 1044 LOGAN AVE COMMERCIAL | - | - | 6.25 WEL BLDG | - | NO INFO. AVAILABLE |
| 1049 LOGAN AVE COMMERCIAL | 20 COPPER | 20 | 8.65 WVL MAUDE | - | RECONNECT SERVICE |
| 1050 LOGAN AVE COMMERCIAL | 20 COPPER | 20 | 6.37 EWL BLDG | OPP S/C | RECONNECT SERVICE |
| 1057 LOGAN AVE COMMERCIAL | 20 COPPER | 20 | 8.60 EEL WARNOCK | OPP S/C | RECONNECT SERVICE |
| 1057 LOGAN AVE COMMERCIAL | 50 COPPER | 50 | 3.46 EWL BLDG | OPP S/C | RECONNECT SERVICE |
| 1057 LOGAN AVE COMMERCIAL | 50 COPPER | 50 | 48.32 WVL WARNOCK | 0.6 N OF S/C | SERV. OFF WARNOCK |
| 1057 LOGAN AVE COMMERCIAL | - | - | 3.22 SSL BLDG | - | - |
| 1057 LOGAN AVE COMMERCIAL | - | - | 58.40>NNL LOGAN | - | - |

* SERVICES TO BE RENEWED TO R UPON CONFIRMATION BY THE CONTRACTOR OF EXISTING LEAD SERVICE.

NOTE: CHAINAGES SHOWN ARE ALONG S. R. OF LOGAN AVE.



- CONSTRUCTION NOTES**
- EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
 - LOCATION OF ALL SERVICES TO BE CONFIRMED IN THE FIELD.
 - INSTALL WATERMAIN BY TRENCHLESS METHODS.
 - TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
 - ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 - MINIMUM COVER TO TOP OF WATERMAIN SHALL BE 2.4 m.
 - REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO R.
 - NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

WARNING
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

| 200 WM | WATERMAIN | 200 WM | SL, HYDRO | 150 WM | WATERMAIN | 150 WM |
|----------|---------------------|----------|-------------------|----------|-----------------------|----------|
| + | HYDRANT | + | MTS | + | HYDRANT | + |
| o | VALVE | o | TRAFFIC SIGNALS | o | VALVE | o |
| 525_LDS | LAND DRAINAGE SEWER | 525_LDS | GAS | 50_GAS | LAND DRAINAGE SEWER | 300_LDS |
| 375_WWS | WASTEWATER SEWER | 375_WWS | SURVEY BAR | 250_WWS | WASTEWATER SEWER | 250_WWS |
| o | MANHOLE | o | FENCE | -X- | PROFILE | -X- |
| o | CATCH BASIN | o | POLE - HYDRO, MTS | o | GROUND ABOVE PIPE | o |
| o | CURB INLET | o | CURB STOP | o | DITCH (NORTH & WEST) | o |
| o | REDUCER | o | GUY ANCHOR | o | DITCH (SOUTH & EAST) | o |
| o | COUPLER | o | LIGHT STANDARD | o | GUTTER (NORTH & WEST) | o |
| o | ANODE | o | TREE | o | GUTTER (SOUTH & EAST) | o |
| EXISTING | LEGEND-PLAN | PROPOSED | LEGEND-PLAN | PROPOSED | LEGEND-PROFILE | PROPOSED |

| LOCATION APPROVED UNDERGROUND STRUCTURES | | B.M. ELEV. | FIELD BOOK #: |
|--|------|------------|---------------|
| POSTED TO LBIS | DATE | | |
| NO. REVISIONS | DATE | | |

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION

| | |
|-------------------|--------------------------------------|
| DESIGNED BY: RC | CHECKED BY: SC |
| DRAWN BY: CJH | APPROVED BY: SC |
| HOR. SCALE: 1:250 | RELEASED FOR CONSTRUCTION: KAS ZUREK |
| VERTICAL: 1:50 | DATE: 11/04/08 |

ENGINEER'S SEAL
ORIGINAL SIGNED BY S.R.J. COURNOYER 11-04-08
BID OPPORTUNITY: 325-2011
FILENAME: D-12395.dwg
PLOT DATE: 2011 04 08

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2011 WATERMAIN RENEWALS CONTRACT NO. 1
LOGAN AVENUE
100 E OF MCPHILLIPS STREET TO 25 E OF MAUDE STREET

SHEET 2 OF 3
CITY DRAWING NUMBER D-12395